



Where ideas connect

Department of Environmental Quality
Division of Air Quality

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DAQE-AN0565011-03

February 13, 2003

Tony Christofferson
Geneva Rock Products
1565 W 400 N
PO Box 538
Orem, Utah 84057

Dear Mr. Christofferson:

Re: Approval Order: Division of Point of Mountain Site into Two Separate Sites, Salt Lake County,
CDS B; NA; MAINT; HAPS. Project Code: N0565-011

The attached document is the Approval Order (AO) for the above-referenced project.

Future correspondence on this Approval Order should include the engineer's name as well as the DAQE number as shown on the upper right-hand corner of this letter. Please direct any technical questions you may have on this project to Mr. Nando Meli. He may be reached at (801) 536-4052.

Sincerely,

Richard W. Sprott, Executive Secretary
Utah Air Quality Board

RWS:NM:jc

cc: Salt Lake Valley Health Department

Mike Owens, EPA Region VIII

STATE OF UTAH

Department of Environmental Quality

Division of Air Quality

**APPROVAL ORDER: DIVISION OF POINT OF MOUNTAIN
SITE INTO TWO SEPARATE SITES**

**Prepared By: Nando Meli, Engineer
(801) 536-4052**

Email: nmeli@utah.gov

APPROVAL ORDER NUMBER

DAQE-AN0565011-03

Date: February 13, 2003

Geneva Rock Products

**Source Contact
Tony Christofferson
(801) 802-6913**

**Richard W. Sprott
Executive Secretary
Utah Air Quality Board**

Abstract

Geneva Rock Products (GRP) is requesting that the current Approval Order (AO) DAQE-137-00, dated March 7, 2000, for the Point of the Mountain (POM) site, be separated into two Approval Orders (AO) along geographic, operational, and management lines. By definition GRP operates two separate sources at the POM site. They are separate and are not under common control, different Source Industrial Codes, and the locations are not adjacent or contiguous. The sand and gravel (S&G) pit west of I-15, known as the Mt. Jordan POM Operation, is in Salt Lake County and will receive a separate AO. The operations that are covered by this document are east of I-15, are known as the Hansen/Lehi POM Operation, and straddle the Utah County and Salt Lake County Line. Salt Lake County is a Non-attainment area of the National Ambient Air Quality Standards (NAAQS) for PM₁₀ and SO₂, and is a Maintenance area for Ozone. Utah County is a Non-attainment area for PM₁₀. New Source Performance Standards apply to this source. Title V of the 1990 Clean Air Act applies to this source. There will be no change in emissions from the separation of the POM site.

The project has been evaluated and found to be consistent with the requirements of the Utah Administrative Code Rule 307 (UAC R307). A public comment period was held in accordance with UAC R307-401-4 and all comments received were evaluated. This air quality Approval Order (AO) authorizes the project with the following conditions, and failure to comply with any of the conditions may constitute a violation of this order.

General Conditions:

1. This Approval Order (AO) applies to the following company:

Corporate Office Location

Geneva Rock Products, Inc.
1565 West 400 North
P. O. Box 538
Orem, Utah 84059

Phone Number: (801) 281-7800

Fax Number: (801) 281-7830

The equipment listed in this AO shall be operated at the following location:

The Hansen/Lehi Point of the Mountain pit is located in Draper on the east side of Interstate 15 (I-15) near the I-15 exit 291.

Universal Transverse Mercator (UTM) Coordinate System: UTM Datum NAD27
4,479.7 km Northing, 423.0 km Easting, Zone 12

2. All definitions, terms, abbreviations, and references used in this AO conform to those used in the Utah Administrative Code (UAC) Rule 307 (R307) and Title 40 of the Code of Federal Regulations (40 CFR). Unless noted otherwise, references cited in these AO conditions refer to those rules.
3. The limits set forth in this AO shall not be exceeded without prior approval in accordance with R307-401.

4. Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved in accordance with R307-401-1.
5. All records referenced in this AO or in applicable NSPS and/or NESHAP and/or MACT standards, which are required to be kept by the owner/operator, shall be made available to the Executive Secretary or Executive Secretary's representative upon request, and the records shall include the two-year period prior to the date of the request. Records shall be kept for the following minimum periods:
 - A. Used oil consumption Three years
 - B. Emission inventories Five years from the due date of each emission statement or until the next inventory is due, whichever is longer.
 - C. All other records Two years
6. Geneva Rock Products, Inc. (Geneva Rock) shall conduct its operations of the Hansen/Lehi Point of the Mountain pit in accordance with the terms and conditions of this AO, which was written pursuant to Geneva Rock's Notice of Intent submitted to the Division of Air Quality (DAQ) on September 26, 2002, and additional information submitted to DAQ on October 23, 2002, November 7, 2002, November 14, 2002 and November 19, 2002.
7. Regardless of any inconsistency between conditions of this AO and Section IX, Part H, and Subparts 2.b.P of Section IX, Part H (Emission Limitations) of the SIP, this AO shall take precedence as provided by R307-305-2. The language of Section IX, Part H, 2.a and Section IX, Part H, 2.b.P have been incorporated into this AO.
8. This AO shall replace the AO (DAQE-137-00) dated March 7, 2002.
9. The approved installations shall consist of the following equipment or equivalent*:
 - A. Hansen Crushing Plant (L-4)
 - B. Hansen Portable Crushing Plant (L-8)
 - C. Portland Concrete Batch Plant
Concrete Plant - Johnson-Ross Tilt Mixer with 8,500 cfm dust collector
Three Cement Silos with 1,800 cfm dust collectors
One Fly Ash Silo with 1,800 cfm dust collector
Aggregate Bins and Silos
 - D. Hot Mix Asphalt Plant
Lime Silo - Todd Model 36-DK with 600 cfm Bin Vent
Asphalt Plant - Gencor-Bituma 500 with Baghouse
Asphalt Storage Silos
Cold Aggregate Storage Bins
 - E. Natural Gas Fired Hot Oil Heater
2.8 x 10⁶ BTU/hr

- F. Generators, Etc.
Diesel/Gasoline/LPG Fueled Generator Sets
Portable Generators, Lighting Plants, Pumps, and Compressors
- G. Storage Tanks
Hot Oil, Waste Oil, Fuel Oil, and Diesel Tanks
One 6,000 Gallon Gasoline Tank (underground)
- H. Off Highway Vehicles
Front-End Loaders, Bulldozers, Scrapers, Drag-Lines, Track-Hoes, Haul Trucks,
Water Trucks, Sweeper Truck, Fork-Lift Trucks, Boom Trucks, etc.
- I. Miscellaneous Aggregate Processing Equipment
Grizzlies, Feeders, Splitters, Traps, and Load Bins
Jaw Crushers, Cone Crushers, and VSI Crushers
Dry Screens, Wet Screens, and Wash Plants
Conveyors, Screws, Cyclones, Clarifiers, and Stackers
(A current list of Aggregate Processing Equipment shall be maintained on-site
and shall be made available to the Executive Secretary or the Executive
Secretary's representative upon request.)
- J. Miscellaneous **
Welders, Pumps, Motors, Pressure Washers, Parts Washers, and other equipment
associated with construction materials processing, manufacture, and
maintenance.

* Equivalency shall be determined by the Executive Secretary.

** This equipment is listed for informational purposes only.

A detailed list of the above equipment is attached as Appendix A.

Limitations and Tests Procedures

- 10. Emissions to the atmosphere from the indicated emission point shall not exceed the following rates and concentrations:

Gencor-Bituma 500 Asphalt Plant

Pollutant	lbs/hr	Grains/dscf (68°F, 29.92 in Hg)
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PM ₁₀	10.6	0.024.....	(while processing both recycle and virgin materials)
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- 11. Stack testing to show compliance with the emission limitations stated in the above condition shall be performed as specified below:

A.	<u>Pollutant</u>	<u>Testing Status</u>	<u>Test Frequency</u>
	PM ₁₀ (virgin materials)	*	#
	PM ₁₀ (recycle materials)	*	#

B. Testing Status (To be applied to the source listed above)

* The initial testing has already been performed.

Test every five years.

C. Notification

The Executive Secretary shall be notified at least 30 days prior to conducting any required emission testing. A source test protocol shall be submitted to DAQ when the testing notification is submitted to the Executive Secretary.

The source test protocol shall be approved by the Executive Secretary prior to performing the tests. The source test protocol shall outline the proposed test methodologies, stack to be tested, and procedures to be used. A pretest conference shall be held, if directed by the Executive Secretary.

D. Sample Location

The emission point shall be designed to conform to the requirements of 40 CFR 60, Appendix A, Method 1, or other methods as approved by the Executive Secretary. An Occupational Safety and Health Administration (OSHA) or Mine Safety and Health Administration (MSHA) approved access shall be provided to the test location.

E. Volumetric Flow Rate

40 CFR 60, Appendix A, Method 2 or other testing methods approved by the Executive Secretary.

F. PM₁₀

For stacks in which no liquid drops are present, the following methods shall be used: 40 CFR 51, Appendix M, Methods 201, 201a, or other testing methods approved by the Executive Secretary. The back half condensibles shall also be tested using the method specified by the Executive Secretary. All particulate captured shall be considered PM₁₀.

For stacks in which liquid drops are present, methods to eliminate the liquid drops should be explored. If no reasonable method to eliminate the drops exists, then the following methods shall be used: 40 CFR 60, Appendix A, Method 5, 5a, 5d, or 5e as appropriate, or other testing methods approved by the Executive Secretary. The back half condensibles shall also be tested using the method specified by the Executive Secretary. The portion of the front half of the catch considered PM₁₀ shall be based on information in Appendix B of the fifth edition of the EPA document, AP-42, or other data acceptable to the Executive Secretary.

The back half condensibles shall not be used for compliance demonstration but shall be used for inventory purposes.

G. Calculations

To determine mass emission rates (lb/hr, etc.) the pollutant concentration as determined by the appropriate methods above shall be multiplied by the volumetric flow rate and any necessary conversion factors determined by the Executive Secretary, to give the results in the specified units of the emission limitation.

H. New Source Operation

For a new source/emission point, the production rate during all compliance testing shall be no less than 90% of the production rate listed in this AO. If the maximum AO allowable production rate has not been achieved at the time of the test, the following procedure shall be followed:

- 1) Testing shall be at no less than 90% of the production rate achieved to date.
- 2) If the test is passed, the new maximum allowable production rate shall be 110% of the tested achieved rate, but not more than the maximum allowable production rate. This new allowable maximum production rate shall remain in effect until successfully tested at a higher rate.
- 3) The owner/operator shall request a higher production rate when necessary. Testing at no less than 90% of the higher rate shall be conducted. A new maximum production rate (110% of the new rate) will then be allowed if the test is successful. This process may be repeated until the maximum AO production rate is achieved.

In all cases, when testing for PM₁₀ emissions during manufacture of recycle asphalt, recycle asphalt shall be introduced into the plant at a rate no less than 15% of the plant production (i.e. if the plant is producing 400 tons per hour of finished product, then asphalt to be recycled shall be introduced into the plant at a rate no less than 60 tons per hour).

I. Existing Source Operation

For an existing source/emission point, the production rate during all compliance testing shall be no less than 90% of the maximum production achieved in the previous three (3) years.

12. Visible emissions from the following emission points shall not exceed the following values:
- A. All crushers - 10% opacity
 - B. All screens - 10% opacity
 - C. All conveyor transfer points - 10% opacity
 - D. All diesel engines - 20% opacity
 - E. Conveyor drop points - 20% opacity
 - F. Each baghouse (including asphalt plant) - 10%
 - G. All other points including fugitive dust sources - 20% opacity

Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. Visible emissions determinations for traffic sources shall use procedures similar to Method 9. The normal requirement for observations to be made at 15-second intervals over a six-minute period, however, shall not apply. Six points, distributed along the length of the haul road or in the operational area, shall be chosen by the Executive Secretary or the Executive Secretary's representative. An opacity reading shall be made at each point when a vehicle passes the selected points. Opacity readings shall be made 2 vehicle length or greater behind the vehicle and at approximately 2 the height of the vehicle or greater. The accumulated six readings shall be averaged for the compliance value.

13. The **emissions of Sulfur Dioxide (SO₂)** from the Gencor-Bituma 500 Asphalt Plant **shall not exceed 16.43 tons per rolling 12-month period**. To determine compliance with a rolling 12-month total the owner/operator shall calculate a new 12-month total by the twentieth day of each month using data from the previous 12 months

The owner/operator shall provide test certification for each load of fuel oil received. Certification shall be either by their own testing or test reports from the fuel oil marketer. Records of fuel oil consumption and the test reports shall be kept for all periods when the plant is in operation.

The emissions of SO₂ emitted to the atmosphere from the Gencor-Bituma 500 Asphalt Plant shall be determined by maintaining a record of sulfur contained in all fuel used each month in the asphalt plant. The record shall include the following data for each fuel used:

- A. Name of the fuel containing sulfur.
- B. The density of the fuel listed in A in pounds per gallon.
- C. Percent by weight of all sulfur contained for each fuel listed in A. The percent by weight of the sulfur contained in the fuel can be obtained from the fuel oil certifications. Certification of fuels shall be either by Geneva's own testing or test reports from the fuel marketer.
- D. To calculate the above potentials contained in the material listed in A, use the following procedure:

$$SO_2 = 2 \times \frac{[\% \text{ Sulfur by Weight}]}{(100)} \times \frac{[\text{Density (lb)}]}{(\text{gal})} \times \text{Gal Consumed} \times \frac{1 \text{ ton}}{2000 \text{ lb}}$$

- E. The amount of sulfur content in pounds contained in materials deposited as solid or hazardous waste for the month shall be quantified and subtracted from the quantities calculated above. This is done to allow quantification by the source of the total SO₂ emissions.
- F. Records of consumption of fuel shall be kept for all periods when the plant is in operation.

14. The following production and/or consumption limits shall not be exceeded:

Asphalt Plant

- A. 500 tons of asphalt produced per hour (averaged over each operating day).
- B. 500,000 tons of asphalt produced per rolling 12-month period.
- C. 2,000 hours of operation of the asphalt plant per rolling 12-month period.
- D. 20% recycle asphalt used in the manufacture of asphalt (averaged over each operating day).

Concrete Batch Plant.

- E. 2,400 cubic yards of concrete produced per 24-hour period.
- F. 200,000 cubic yards of concrete produced per rolling 12-month period.

Aggregate Pit

- G. 28,214 tons per 24-hour period of aggregate crushing and screening production.
- H. 4,350,000 tons of aggregate mined including bank run per rolling 12-month period.
- I. Hours of operation for the bulldozers, front-end loaders, off highway haul trucks and off highway water trucks per rolling 12-month period.
 - 1) 12,000 hours of operation per rolling 12-month period for the bulldozers
 - 2) 30,000 hours of operation per rolling 12-month period for the front end loaders
 - 3) 3,600 hours of operation per rolling 12-month period for the haul trucks and water trucks
- J. Horsepower-Hours (HP-hrs) of operation for the electrical generators per rolling 12-month period.
 - 1) 2,349,000 total HP-hrs of operation per rolling 12-month period for the electrical generators with a power rating greater than 600 hp.
 - 2) 1,034,000 total HP-hrs of operation per rolling 12-month period for the electrical generators with a power rating less than 600 hp.
- K. 6,400 hours of operation for the natural gas fired hot oil heater per rolling 12-month period.

Hansen/Lehi Pit

- L. 9,999 gallons of gasoline consumed per one-month period and 72,000 gallons of gasoline consumed per rolling 12-month period.

Asphalt and pit production shall be determined through the use of weigh scales and recording of the weights.

Compliance with the hourly limitations shall be determined on a daily average (12 a.m. to 12 a.m.). Each day the owner/operator shall calculate a new hourly average based on the previous days production. Records of production shall be kept on site and shall be kept for all periods when the plant is in operation.

To determine compliance with a rolling 12-month total the owner/operator shall calculate a new 12-month total by the twentieth day of each month using data from the previous 12 months. Records of production shall be kept on site and shall be kept for all periods when the plant is in operation. The records shall be kept on a daily basis. Supervisor monitoring and maintaining of an operations log shall determine hours of operation.

Roads and Fugitive Dust

- 15. All unpaved roads and other unpaved operational areas that are used by mobile equipment shall be water sprayed and/or chemically treated to control fugitive dust. Control is required at all times (24 hours per day every day) for the duration of operations. The application rate of water shall be a minimum of 0.25 gallons per square yard. Application shall be made at least once every hour during all times the installation is in use or unless daily rainfall exceeds 0.10 of an inch or the road is in a muddy damp condition or if it is covered with snow or if the ambient temperature falls below freezing or if the surfaces are in a moist/damp condition. If chemical treatment is to be used, the plan must also be approved by the Executive Secretary. Records of water treatment shall be kept for all periods when the facility is in operation. The records shall include the following items:
 - A. Date
 - B. Number of treatments made, dilution ratio, and quantity
 - C. Rainfall received, if any, and approximate amount
 - D. Time of day treatments were made

Records of treatment shall be made available to the Executive Secretary upon request and shall include a period of two years ending with the date of the request.

- 16. Water sprays or chemical dust suppression sprays shall be installed at the following points to control fugitive emissions:
 - A. All crushers
 - B. All screens
 - C. All conveyor transfer points

The sprays shall operate to the extent necessary to keep the equipment operation within the opacity limitation of 10%.

17. Water shall be added if necessary to the mined material (to be bulldozed) such that before the material is moved its moisture content is greater than 4.0% by weight. The moisture content shall be maintained throughout subsequent crushing, screening and conveying circuits. The silt content of the product shall not exceed 15% by weight on a daily average without prior approval in accordance with R307-401, UAC. The moisture and silt content shall be tested if directed by the Executive Secretary using the appropriate ASTM method.
18. The storage piles shall be watered to minimize generation of fugitive dusts as dry conditions warrant or as determined necessary by the Executive Secretary. The total area of storage piles shall not exceed 22.5 acres with not more than 4.5 acres of the storage piles being active.
19. The open or disturbed area shall not exceed 112 acres.
20. The facility shall abide by all applicable requirements of R307- 309 for PM₁₀ non-attainment areas for Fugitive Emission and Fugitive Dust sources.

Fuels

21. The owner/operator shall use only used oil (on site drain oil), fuel oil, #2 diesel or natural gas in the asphalt plant.
22. The sulfur content of any fuel oil or diesel burned shall not exceed:
 - A. 0.45 percent by weight for fuels used in the asphalt plant.
 - B. 0.05 percent by weight for diesel fuels consumed in all other equipment.

The sulfur content shall be determined by ASTM Method D-4294-89 or approved equivalent. The sulfur content shall be tested if directed by the Executive Secretary. Certification of used oil shall be either by Geneva's own testing or test reports from the used oil fuel marketer. Certification of other fuels shall be either by Geneva's own testing or test reports from the fuel marketer.

23. Burning used oil for energy recovery shall comply with the following:
 - A. The concentration/parameters of contaminants in any used oil fuel shall not exceed the following levels:

1)	Arsenic	5	ppm by weight
2)	Cadmium	2	ppm by weight
3)	Chromium	10	ppm by weight
4)	Lead	100	ppm by weight
5)	Total halogens	1,000	ppm by weight
6)	Sulfur	0.5	percent by weight
 - B. The flash point of all used oil to be burned shall not be less than 100 °F.

- C. The owner/operator shall provide test certification for each load of used oil fuel received or generated on site. Certification shall be either by his own testing or test reports from the used oil fuel marketer. Records of used oil fuel consumption and the test reports shall be kept for all periods when the plant is in operation.
- D. Used oil that does not exceed any of the listed contaminants content may be burned. The owner/operator shall record the quantities of oil burned on a daily basis.
- E. Used oil that does exceed any of the above listed contaminants content shall not be burned until the owner/operator has submitted to the Executive Secretary for approval a modeling analysis of the projected emissions for each contaminant. The modeling analysis shall show in each case that the resulting concentration of contaminant in the ambient air does not exceed the TLV/100 value for the given contaminant.
- F. Any used oil fuel that contains more than 1000 ppm by weight of total halogens shall be considered a hazardous waste and shall not be burned in the asphalt plant. The oil shall be tested for halogen content by ASTM Method D-808-81, EPA Method 8240 or Method 8260 before used oil fuel is transferred to the asphalt tank and burned.
- G. Sources utilizing used oil as a fuel shall comply with the State Division of Solid and Hazardous Waste in accordance with R315-15, UAC.

Federal Limitations and Requirements

- 24. In addition to the requirements of this AO, all applicable provisions of 40 CFR 60, New Source Performance Standards (NSPS) Subparts A, 40 CFR 60.1 to 60.18, Subpart I, 40 CFR 60.90 to 60.93 (Standards of Performance for Hot Mix Asphalt Plants), Subpart Kb, CFR 60.110 to 60.117b (Standards of Performance for Volatile Liquid Storage Vessels for which construction, Reconstruction, or Modification Commenced after July 23, 1984, and Subpart OOO, 40 CFR 60.670 to 60.676 (Standards of Performance for Nonmetallic Mineral Processing), apply to affected equipment located at the Hansen/Lehi Pit.

Monitoring - General Process

- 25. Geneva Rock shall install, calibrate, maintain, and operate a monitoring device for the continuous measurement of the pressure drop across the bags in the asphalt plant baghouse. The pressure drop shall be between two to six inches of water gauge. Calibration of the monitoring device shall be on an annual basis according to the manufacturer's instructions. Continuous recording of the measurements of the monitoring device is not required. However, daily records of readings shall be maintained.

Records & Miscellaneous

- 26. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this Approval Order including associated air pollution control equipment in a

manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Executive Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded.

27. The owner/operator shall comply with R307-150 Series. Inventories, Testing and Monitoring.
28. The owner/operator shall comply with R307-107. General Requirements: Unavoidable Breakdowns.

The Executive Secretary shall be notified in writing if the company is sold or changes its name.

This AO in no way releases the owner or operator from any liability for compliance with all other applicable federal, state, and local regulations including R307.

A copy of the rules, regulations and/or attachments addressed in this AO may be obtained by contacting the Division of Air Quality. The Utah Administrative Code R307 rules used by DAQ, the Notice of Intent (NOI) guide, and other air quality documents and forms may also be obtained on the Internet at the following web site:

http://www.deq.state.ut.us/eqair/aq_home.htm

The annual emission estimations below include point source, fugitive emissions, fugitive dust, road dust and tail pipe emissions, and do not include grandfathered emissions. These emissions are for the purpose of determining the applicability of Prevention of Significant Deterioration, non-attainment area, maintenance area, and Title V source requirements of the R307. They are not to be used for determining compliance.

The Potential To Emit (PTE) emissions for the Geneva Rock Hansen/Lehi site are currently calculated at the following values:

	<u>Pollutant</u>	<u>Tons/yr</u>
A.	PM ₁₀	89.60
B.	SO ₂	27.28
C.	NO _x	99.67
D.	CO.....	56.88
E.	VOC.....	22.39
F.	HAPs.....	4.25

Approved By:

Richard W. Sprott, Executive Secretary
Utah Air Quality Board

Appendix A

Geneva Rock - Hansen/Lehi Equipment List

Whenever this equipment list is modified, the modified version shall replace the existing version, and the modified version shall be attached to the most current AO.

Additionally before any equipment is modified, Geneva Rock shall submit the information required to the Executive Secretary in accordance with by R307-401, UAC. Examples of equipment specifications required are as follows:

A. For each baghouse:

Description
Location
Design/Manufacturer/Model No
Air/cloth ratio
Air flow rate
Design inlet loading
Design outlet loading
Stack diameter and height
Operating range/measurement device for pressure drop

B. For each scrubber:

Description
Location
Manufacturer/Model No.
Air flow rate
Liquid recirculation rate:
Operating range/measurement device for pressure drop
Operating range/measurement device for scrubbing liquid flow rate(s)

C. For each cyclone or demister pad:

Description
Design/Manufacturer/Model No
Location
Air flow rate
Removal efficiency:
Stack diameter and height

D. For each boiler:

Description
Design/Manufacturer/Model No
Location

Capacity in MMBTU/hr gas
 MMBTU/hr oil
Burner type such as low NO_x with flue gas recirculation
Stack diameter and height

The above information including the information already submitted to DAQ shall be maintained in conjunction with and considered part of the current AO. Geneva Rock may alter or substitute portions of the pollution control equipment list, at any time, provided Geneva Rock submits these alterations for approval to the Executive Secretary in accordance with R307-401, UAC.

South Hansen Electric Powered Crushing Plant (L-4)

Syntron Magnetic Feeder
54" El-Jay Standard Cone Crusher
6'x 20' El-Jay Dry 3-Deck Screen
6'x 16' El-Jay Wet Deck Screen
One Vertical Shaft Impact Crusher
6'x 20' Wash Screen
6'x 20' Screen
54 inch Wash Screw

**North Hansen Portable Electric Powered Crushing
Plant (L-8)**

Pioneer 3042 Jaw Crusher with Vibrating Feeder
54" El-Jay RCII Cone Crusher
6'x20' El-Jay Deck Screen
45" El-Jay Finehead Cone Crusher
5'x16' El-Jay Deck Screen
6' x 20' Cedar Rapids Screen
Remco 9000 Vertical Shaft Impact Crusher